

DIRECTORATE OF
INTELLIGENCE

Declass Review by
NIMA / DoD

Imagery Analysis Report

Petroleum Products Storage (PUG)

Pan-shih and Shang-chih, China

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Top Secret

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Approved For Release 2002/06/25 : CIA-RDP79T00919A000400090001-9

Approved For Release 2002/06/13 : CIA-RDP79T00919A000400090001-9

Approved For Release 2002/06/13 : CIA-RDP79T00919A000400090001-9

PETROLEUM PRODUCTS STORAGE (PUG)

PAN-SHIH AND SHANG-CHIH, CHINA

SUMMARY

This report is a detailed analysis of the Pan-shih and Shang-chih Petroleum Products Storage (PUG) sites as seen on [redacted] photography. These are the most recently identified of 41 large petroleum products storage sites constructed in China [redacted] Studies of the other sites can be found in earlier IAS reports.

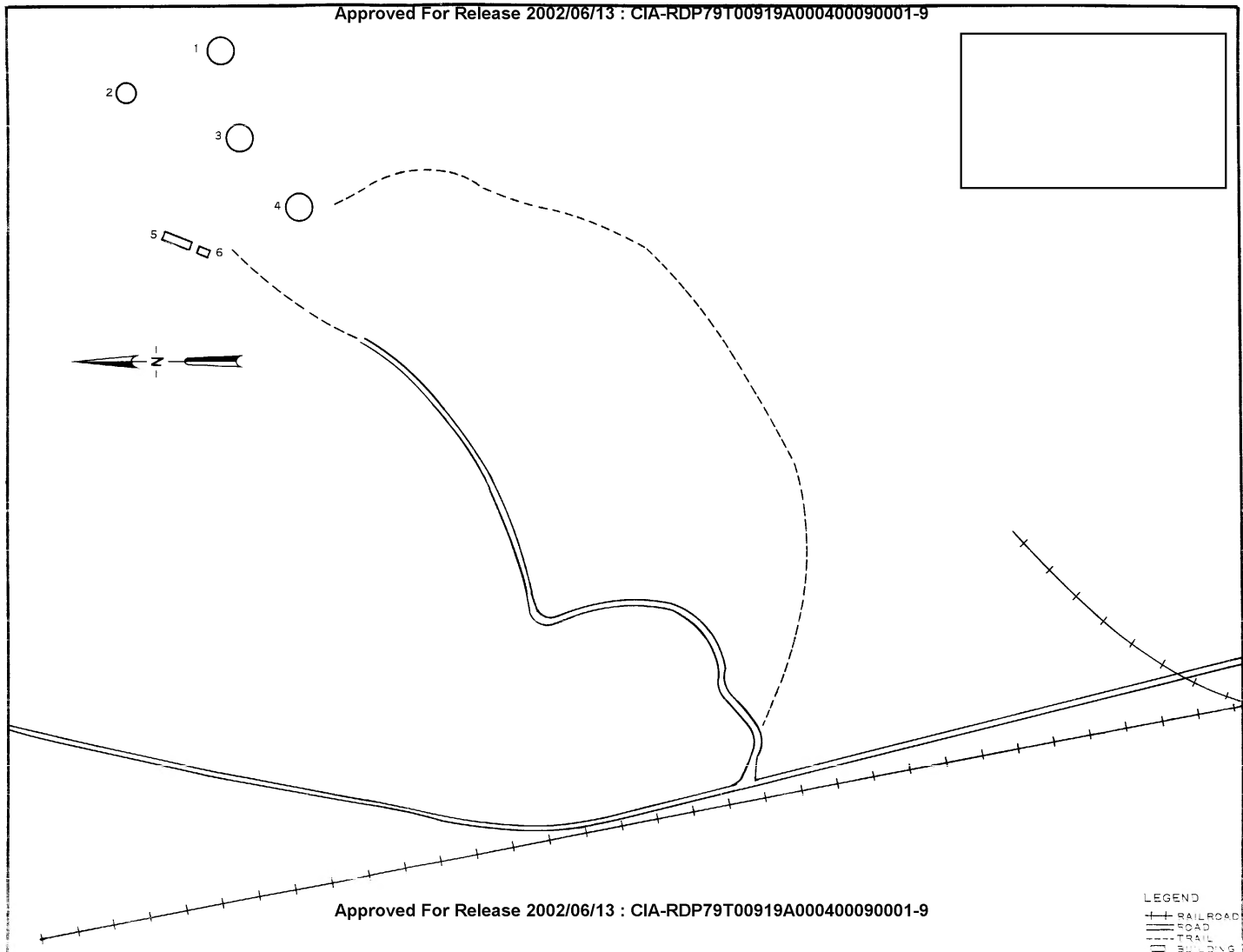
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It should be noted that these installations were previously referred to as "Regional Petroleum Storage," but are now known by their Basic Encyclopedia name, "Petroleum Products Storage (PUG)," the latter abbreviation meaning "partially underground."

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LEGEND
RAILROAD
ROAD
TRAIL
BUILDING

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PAN-SHIH PETROLEUM PRODUCTS STORAGE (PUG)

This installation is located at 43-02-30N 126-02-30E, six nautical miles north of Pan-shih in Kirin Province. It consists of four partially underground storage tanks, a support area, and a railhead (Figures 1 and 2). The installation is served both by road and by a rail spur from the Pan-shih to Yen-tung-shan Railroad, about 300 feet to the southwest.

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The site was complete when first observed on photography [redacted] and appeared unchanged on [redacted] coverage.

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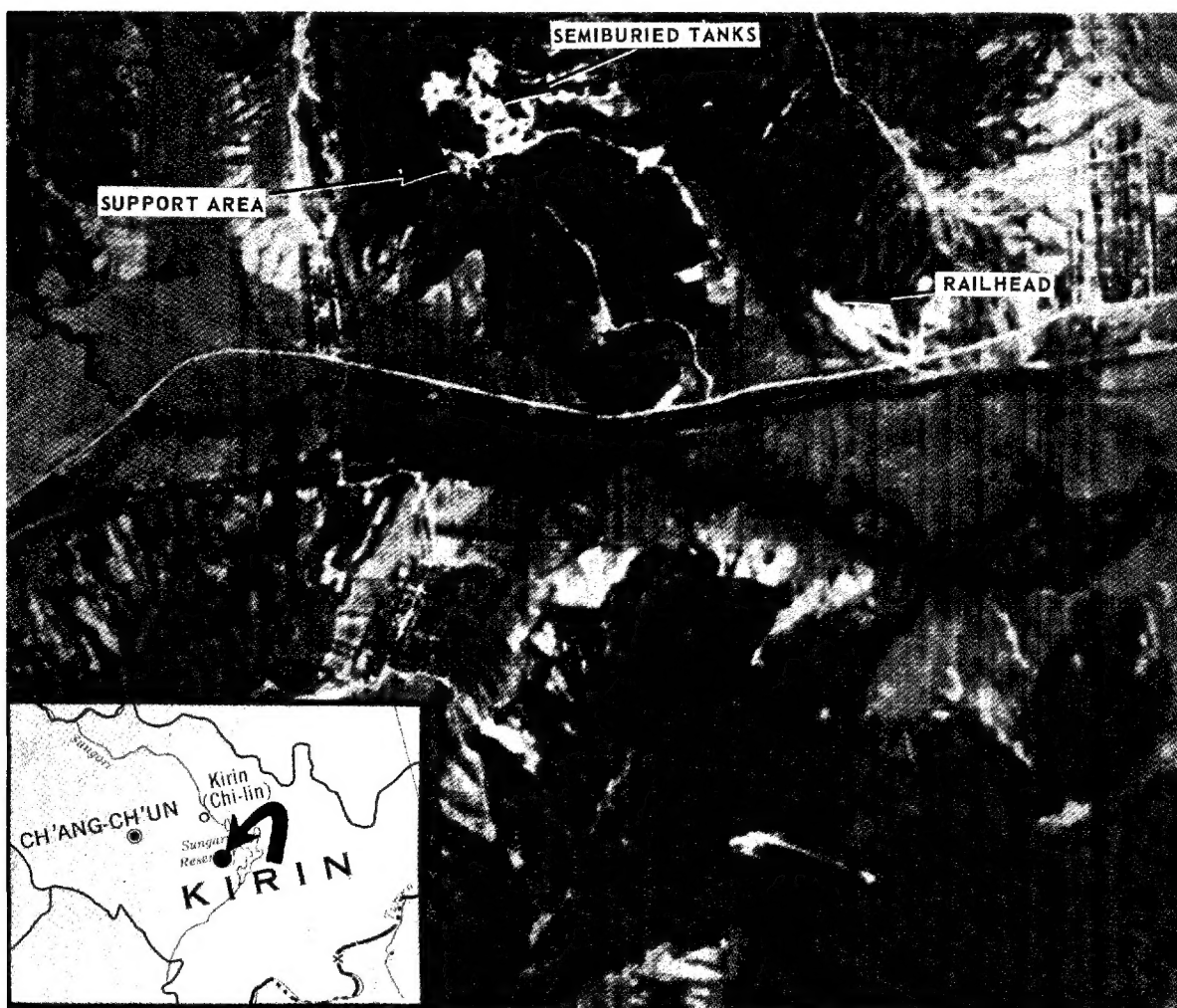


FIGURE 2. PETROLEUM PRODUCTS STORAGE (PUG), PAN-SHIH, CHINA

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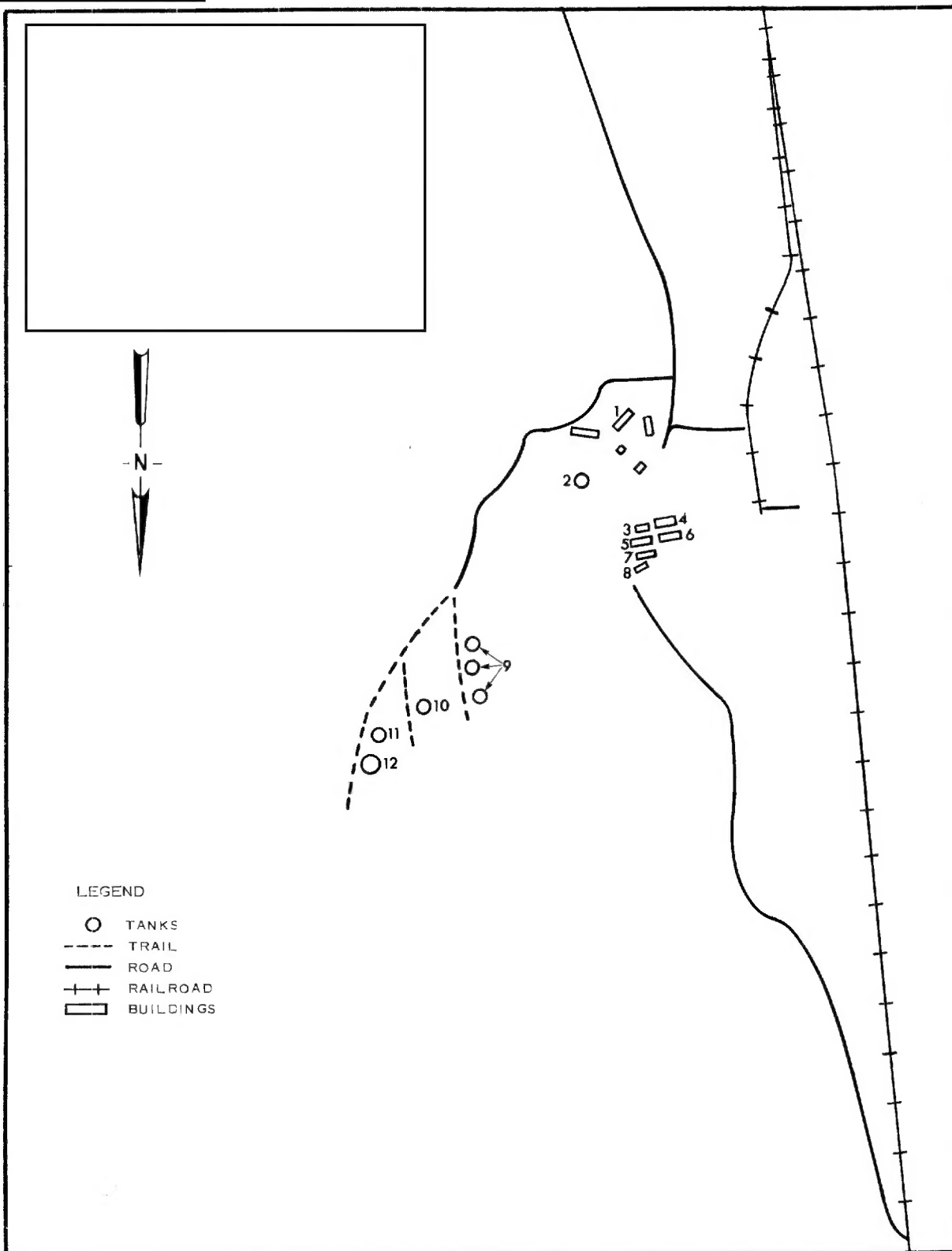


FIGURE 3. PETROLEUM PRODUCTS STORAGE (PUG), SHANG-CHIH, CHINA

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SHANG-CHIH PETROLEUM PRODUCTS STORAGE (PUG)

This installation is located at 45-13-30N 127-51-00E, five nautical miles west of Chu-ho in Kirin Province. It consists of seven partially underground storage tanks, a support area, and a railhead (Figures 3 and 4).

The storage site was first observed on photography [REDACTED] at which time, the tanks were completed but not yet mounded. Subsequent coverage of the installation is not available.

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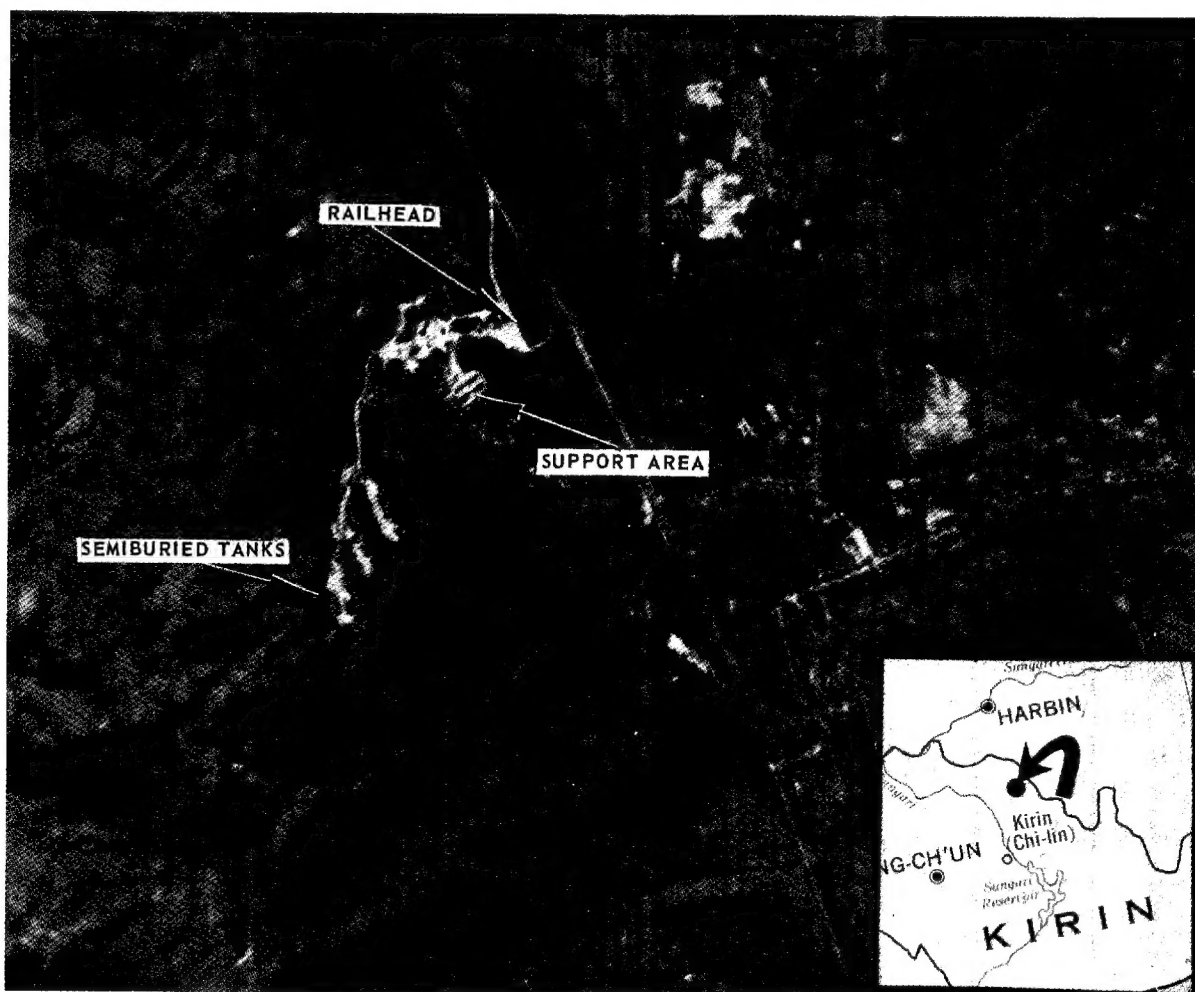


FIGURE 4. PETROLEUM PRODUCTS STORAGE (PUG), SHANG-CHIH, CHINA

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REFERENCES

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Maps and Charts

Pan-shih

Naval Oceanographic Office. U.S. Air Target Chart, Series 200, Sheet 0290-7 (SECRET)

Shang-chih

15th RTS. U.S. Air Target Chart, Series 200, Sheet 0283-19 (SECRET)

Documents

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1. CIA. PIR 75108, The Regional Petroleum Storage of China, June 1967 (TOP SECRET [REDACTED])
2. CIA. PIR 75105, The Regional Petroleum Storage of China, March 1967 (TOP SECRET [REDACTED])
3. CIA. PIR 65054, Regional Petroleum Storage Installation in Communist China, November 1965 (SECRET [REDACTED])
4. CIA. PIR 61037, Regional Liquid Storage Installations in Communist China, October 1965 (TOP SECRET [REDACTED])
5. CIA. PIR 65133, Strategic Petroleum Reserve Storage System in Communist China, May 1966 (TOP SECRET [REDACTED])

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6. CIA. IAR 85032, Regional Petroleum Storage of China, January 1968
(TOP SECRET [redacted])

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7. CIA. IAR 85040, Ma-chi Regional Petroleum Storage Site, China,
March 1968 (TOP SECRET [redacted])

Requirement

C-ER8-84,998

CIA/IAS Project

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